



U.S. Department
of Transportation

Research and
Special Programs
Administration

MAY 10 2000

400 Seventh Street, S.W.
Washington, D.C. 20590

DOT-E 11265
(THIRD REVISION)

EXPIRATION DATE: April 30, 2002

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: STERIS Corporation
St. Louis, Missouri
2. PURPOSE AND LIMITATION: This exemption authorizes the transportation in commerce of ethylene oxide packaged in aluminum cartridges within a UN 4G fiberboard box with a Division 2.1 label instead of both Division 2.3 and 2.1. labels. This exemption provides no relief from any regulation other than as specifically stated herein.
3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.
4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR § 172.101, § 172.504, § 173.323, § 174.81 and § 177.848, except as specified herein.
5. BASIS. This exemption is based on American Sterilizer Company's application dated May 4, 2000, submitted in accordance with § 107.109.
6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Hazardous materials description/proper shipping name	Hazard Class/ Division	Identification number	Packing Group
Ethylene oxide or Ethylene oxide with nitrogen up to a total of 1MPa (10 bar) at 50 degrees C	Division 2.3	UN1040	N/A

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7. SAFETY CONTROL MEASURES:

- a. Packaging prescribed is an aluminum cartridge that -
 - 1. Is as described in the May 18, 1994 application;
 - 2. Contains no more than 6 fluid ounces of ethylene oxide;
 - 3. As filled, has a burst pressure no less than 270 psig and 10 times its charge pressure at 21.1° C. (70° F.); and
 - 4. After filling, is leak tested in a hot water bath at a temperature and for a period sufficient to achieve the vapor pressure of ethylene oxide at 55° C (130° F.).
- b. Cartridges containing ethylene oxide are packed in groups of twelve (12) in UN 4G fiberboard boxes, meeting Packing Group I requirements, that are fitted with polystyrene foam units at each end to rigidly hold and separate the cartridges from each other and box sidewalls.
- c. MARKING & LABELING. In lieu of the Division 2.3 label, each outside package must be labeled with a Division 2.1 label and marked "INHALATION HAZARD" in association with the Division 2.1 label.
- d. Transportation of authorized packages must conform to segregation and placarding requirements for Division 2.1 materials (See §§ 174.81, 177.848 and 172.504, Table 2).

8. SPECIAL PROVISIONS.

- a. A person who is not a holder of this exemption who receives a package covered by this exemption may reoffer it for transportation provided no modifications or change are made to the package and it is reoffered for transportation in conformance with this exemption and the HMR.
- b. a current copy of this exemption must be maintained at each facility where the package is offered or reoffered for transportation.

9. MODES OF TRANSPORTATION AUTHORIZED. Motor vehicle, and rail freight.

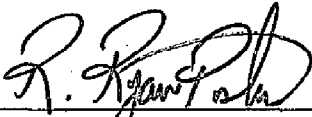
10. MODAL REQUIREMENTS: None required as a condition of this exemption.
11. COMPLIANCE. Failure by a person to comply with any of the following may result in suspension or revocation of this exemption and penalties prescribed by the Federal hazardous materials transportation law, 49 U.S.C. 5101 et seq:
- o All terms and conditions prescribed in this exemption and the Hazardous Materials Regulations, 49 CFR Parts 171-180.
 - o Registration required by § 107.601 et seq., when applicable.

Each "Hazmat employee" as defined in § 171.8, who performs a function subject to this exemption must receive training on the requirements and conditions of this exemption in addition to the training required by § 172.700 through § 172.704.

No person may use or apply this exemption, including display of its number, when the exemption has expired or is otherwise no longer in effect.

12. REPORTING REQUIREMENTS. The carrier is required to report any incident involving loss of packaging contents or packaging failure to the Associate Administrator for Hazardous Materials Safety (AAHMS) as soon as practicable. (Sections 171.15 and 171.16 apply to any activity undertaken under the authority of this exemption.) In addition, the holder(s) of this exemption must inform the AAHMS, in writing, of any incidents involving the package and shipments made under the terms of this exemption.

Issued at Washington, D.C.:



for Robert A. McGuire
Acting Associate Administrator
for Hazardous Materials Safety

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(DATE)

Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Research and Special Programs Administration, Department of Transportation, Washington, D.C. 20590.
Attention: DHM-31.

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The original of this exemption is on file at the above office. Photo reproductions and legible reductions of this exemption are permitted. Any alteration of this exemption is prohibited.

Copies of exemptions may be obtained from the AAHMS, U.S. Department of Transportation, 400 7th Street, SW, Washington, DC 20590-0001, Attention: Records Center, 202-366-5046.

PO: sln